



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/835,292	04/13/2001	James F. Bredt	2247.2001-001	4743

7590 05/27/2004

Rodney D. Johnson, Esq.
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive
Lexington, MA 02421-4799

EXAMINER

THEXTON, MATTHEW

ART UNIT	PAPER NUMBER
----------	--------------

1714

DATE MAILED: 05/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/835,292

Applicant(s)

BREDT ET AL.

Examiner

Matthew A. Thexton

Art Unit

1714

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) 34-40 is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☐ Claim(s) ____ is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☒ Claim(s) 1-33 are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Election/Restrictions

Applicant's response filed 2004 May 10 to the Restriction requirement mailed 2004 March 8 is noted. The election is not sufficiently specific. The following is a restatement of the earlier restriction requirement.

Claims 1-33 are generic to a plurality of disclosed patentably distinct species comprising:

sucrose, dextrose, malic acid, sodium citrate, urea, sodium polyphosphate, sodium tetraborate, sodium chloride, ammonium nitrate, potassium sulfate, ammonium chloride, calcium formate, methyl alcohol, ethyl alcohol, isopropanol, t-butanol, ethyl acetate, dimethyl succinates, diethyl succinates, dimethyl adipate, ethylene glycol diacetate, shellac, polyvinyl pyrrolidone, polyvinyl acetate, polyvinyl alcohol, polystyrene, styrene-butadiene copolymer, acrylonitrile-butadiene-styrene copolymer, mixed monomer vinyl-silane, vinyltriisopropoxysilane, tri(propylene glycol)diacrylate, ethylene glycol phenyl ether acrylate, 1,6-hexanediol diacrylate, 1,3-butylene glycol dimethacrylate, neopentyl glycol dimethacrylate, butyl methacrylate, 1,6-hexanediol dimethacrylate, di-(propylene glycol)allyl ether methacrylate, polymethacrylic acid, polymethacrylic acid sodium salt, sodium polystyrene sulfonate, polyethyleneimine, polydiallyldimethylammonium chloride, polyvinyl pyrrolidone, polyvinyl pyrrolidone copolymer with polyvinyl acetate, polyvinyl alcohol, polyvinyl methyl ether, polyacrylamide, poly-2-ethyl-2-oxazoline, polymethacrylate water colloid, polystyrene

Art Unit: 1714

water colloid, natural rubber water colloid, polyurethane water colloid, polyvinyl acetate water colloid, alkyd resin water colloid, polymethacrylate, polystyrene, natural rubber, polyurethane, polyvinyl acetate, alkyd resin, and

disclosed combinations of these species.

If the elected invention is intended to require the presence of water, "a fluid," or any other component, Applicant is required to so state. An election of a compound or polymer will be examined as such.

This list has been compiled from the specification and claims and any deficiency or error is not intended to constrain Applicant's options to select a disclosed distinct species or combination.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species even though this requirement is traversed. No claim is directed to a single species.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

A telephone call was made to Rodney D. Johnson at 781-861-6240 on 2004 May 25 to request an oral election to the above restriction requirement, but did not result in an election being made.

Art Unit: 1714

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

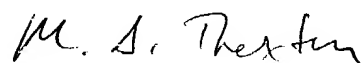
Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew A. Thexton whose telephone number is 571-272-1125. The examiner can normally be reached on Monday-Friday, 9:30 to 6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasudevan S Jagannathan can be reached on 571-272-1119. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 1714

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Matthew A. Thexton
Primary Examiner
Art Unit 1714